



# Product Evaluation

WIN2244 | 1017

Engineering Services Program

*The following product has been evaluated for compliance with the wind loads specified in the International Residential Code (IRC) and the International Building Code (IBC).*

*This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.*

*This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.*

*For more information, contact TDI Engineering Services Program at (800) 248-6032.*

**Evaluation ID:** WIN-2244

**Effective Date:** October 1, 2017

**Re-evaluation Date:** October 2021

**Product Name:** H3 2.0 Aluminum Clad Vinyl Wood Main Frame, Aluminum Clad Wood Sash, Casement Windows, Fin Installation, Non-Impact Resistant

**Manufacturer:** Sierra Pacific Windows  
575 South Whelen Avenue  
Medford, WI 54451  
(715) 748-2011

## General Description:

| System | Description     | Label Rating      | Design Pressure Rating |
|--------|-----------------|-------------------|------------------------|
| 1      | Casement Window | R-PG50 36 X 84-C  | +50 / -60 psf          |
| 2      | Casement Window | CW-PG50 36 X 84-C | +50 / -60 psf          |

## Product Dimensions:

| System | Overall Size      | Sash Size     |
|--------|-------------------|---------------|
| 1      | 35-1/2" x 83-1/2" | 34" x 81-3/4" |
| 2      | 35-1/2" x 83-1/2" | 34" x 81-3/4" |

## Product Identification (Certification Label on Window):

| System |                                  |                                 |
|--------|----------------------------------|---------------------------------|
| 1, 2   | Certification Agency             | WDMA                            |
|        | Manufacturer's Name or Code Name | Sierra Pacific Windows          |
|        | Product Name                     | H3 2.0 Casement                 |
|        | Test Standards                   | AAMA/WDMA/CSA 101/I.S.2/A440-11 |

**Impact Resistance:**

| System | Impact Resistant | Requirement  |
|--------|------------------|--|
| 1, 2   | No               | Provide an impact protective system when installing the product in areas that require windborne debris protection. |

**Acceptance of Smaller Assemblies:** Window assemblies with dimensions equal to or smaller than those specified are acceptable with the limitations specified in this report.

**Installation:**

| System |                           |  |
|--------|---------------------------|--|
| 1, 2   | Type of Installation      | Fin Installation   |
|        | Wall Framing              | Spruce-Pine-Fir Dimension lumber   |
|        | Fasteners                 | Minimum No. 8 PPH screws   |
|        | Fastener Location/Spacing | Locate fasteners approximately 2" from each corner and approximately 8" on center along the perimeter of the window. |
|        | Fastener Penetration      | Minimum 1-1/2" into the wall framing   |

**Note:** Keep the manufacturer's installation instructions available on the job site during installation. Use corrosion resistant fasteners as specified in the IRC, the IBC, and the Texas Revisions.